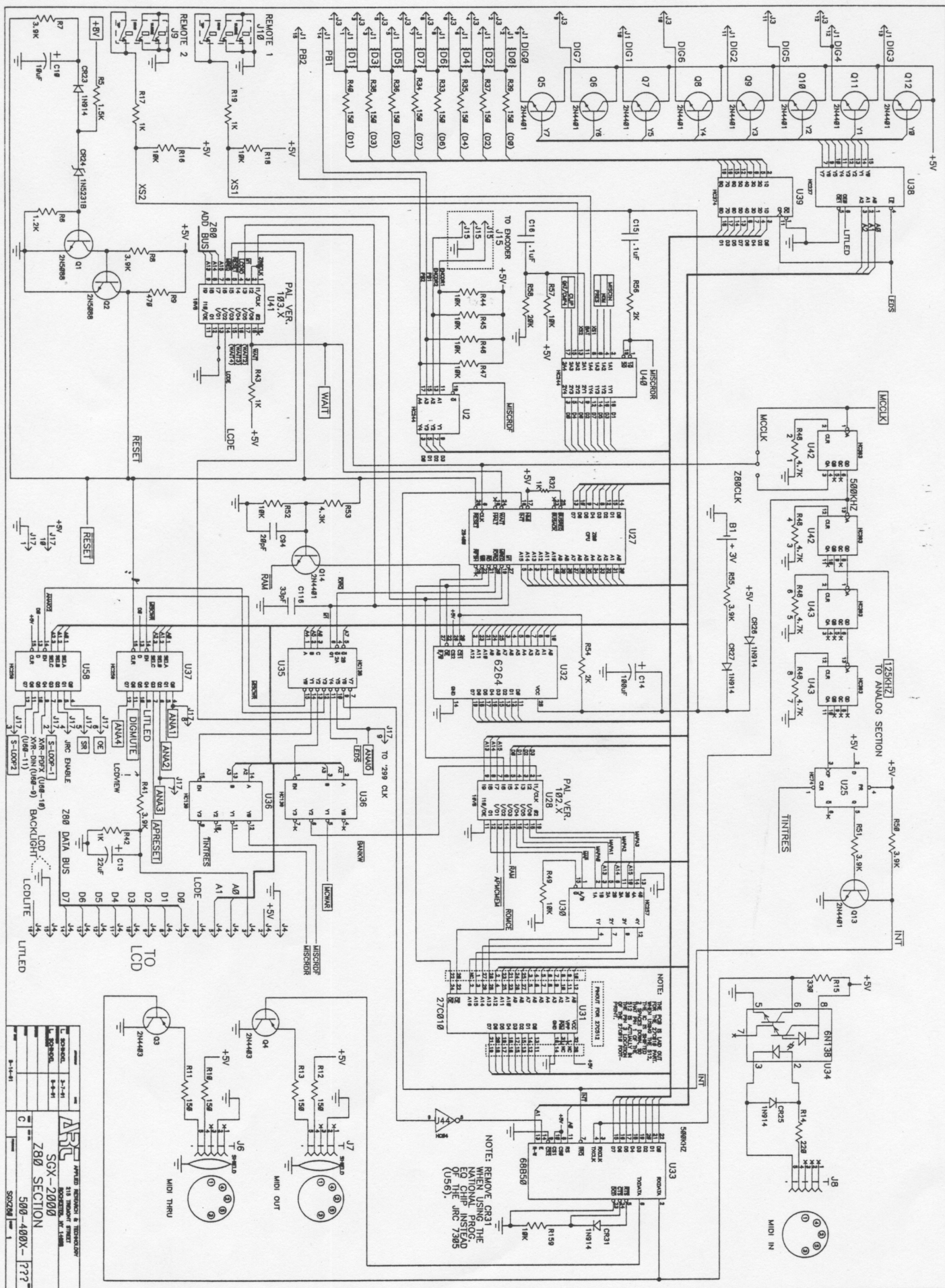
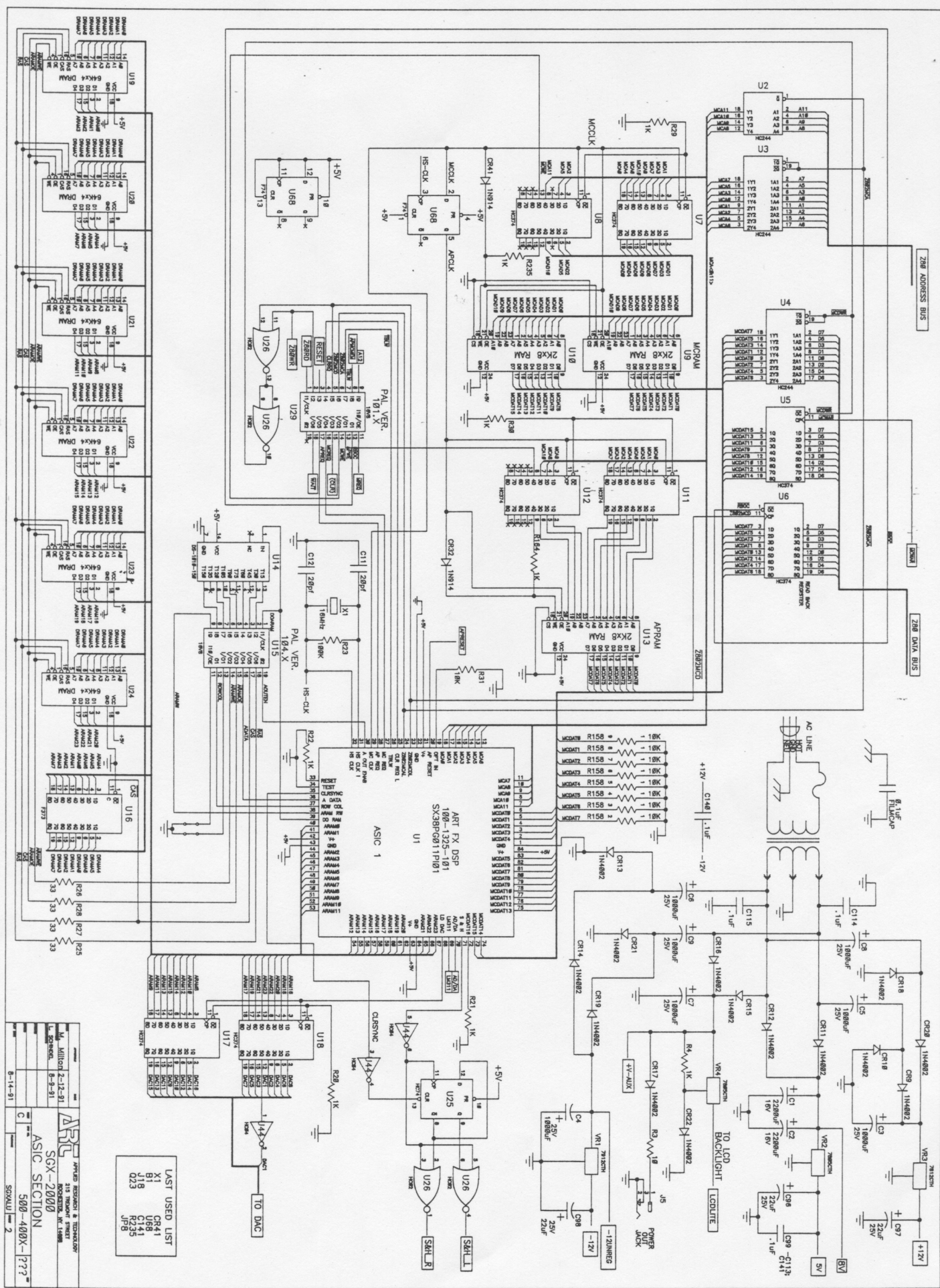


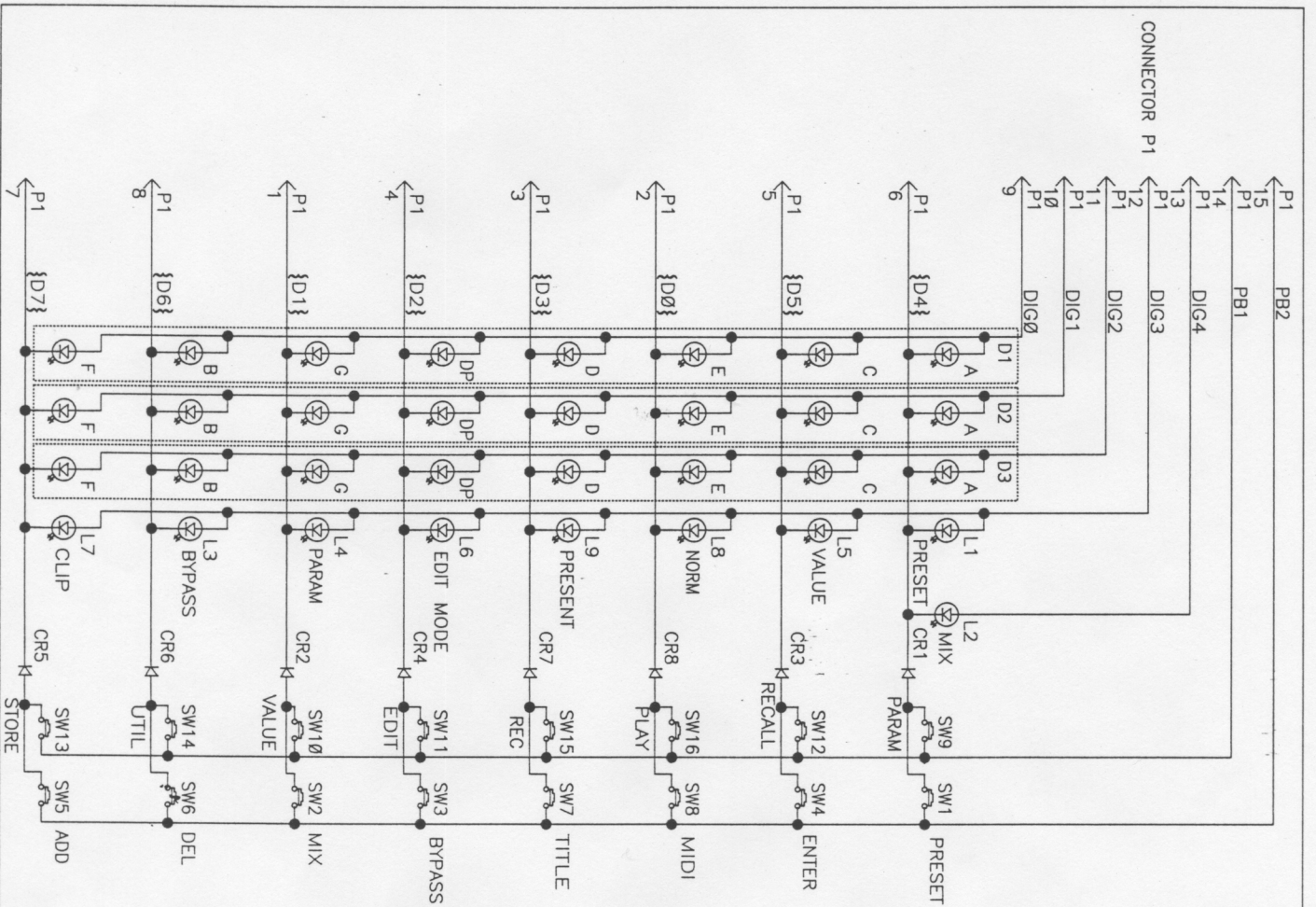




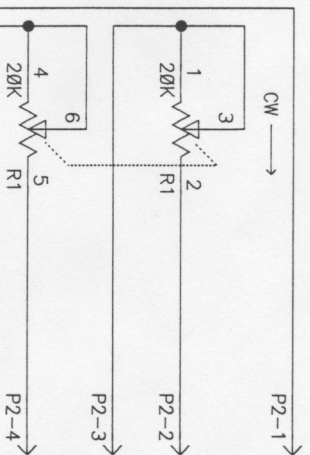
SGX-2000
ASIC SECTION
500-400X-???

LAST USED LIST

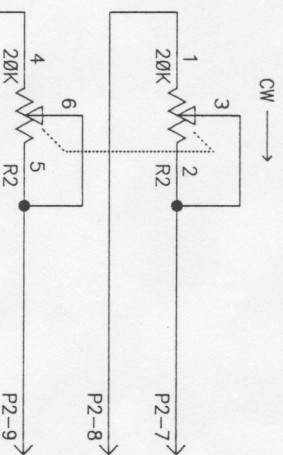
X1	CR41
U18	U68
U19	U74
U20	U75



INPUT SLIDER



OUTPUT SLIDER

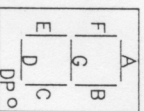


SWITCHES

SW#	FUNC	BIT
1	PRESET	4
2	MIX	1
3	ENTER	2
4	BYPASS	5
5	ADD EFF	7
6	DEL EFF	6
7	TITLE	3
8	MIDI	0
9	PARAM	4
10	VALUE	1
11	EDIT	2
12	RECALL	5
13	STORE	7
14	UTIL	7
15	REC	0
16	PLAY	3

DISCRETE LEDs

#	FUNC	BIT
1	PRESET	4
2	MIX	1
3	ENTER	2
4	BYPASS	5
5	ADD EFF	7
6	DEL EFF	6
7	TITLE	3
8	MIDI	0
9	PARAM	4
10	VALUE	1
11	EDIT	2
12	RECALL	5
13	STORE	7
14	UTIL	7
15	REC	0
16	PLAY	3



APPROVED		DATE	
L. SCHINDEL 2/22			
DESIGNED BY		DATE	
L. SCHINDEL 8/7			
CHECKED BY		DATE	
REV		DATE	
C			
REV		DATE	
8-14-91			
REV		DATE	
SGXTLED			
REV		DATE	
3			

APPLIED RESEARCH & TECHNOLOGY
215 TREMONT STREET
ROCHESTER, NY 14608

SGX UPPER
FRONT PANEL BOARD

500-400X-???

REVISIONS			
ZONE	REV	DESCRIPTION	DATE

L#	FUNCTION SGX 2000	FUNCTION SGX NIGHTBASS	BIT
1	EXCITER	EXCITER	6
2	COMPRESSOR	COMPRESSOR	7
3	DIG. CONTOUR	EFF. X-OVER	4
4	PROG. EQUALIZER	PROG. EQUALIZER	5
5	TUBE DRIVE	TUBE PRE	3
6	SS. DRIVE	SS. PRE	0
7	NOISE GATE	NOISE GATE	1
8	EXPANDER	EXPANDER	6
9	ENVELOPE	ENVELOPE	1
10	REVERB	REVERB	7
11	GATE REVERB	GATE REVERB	4
12	DELAY	DELAY	5
13	PITCH TRANS	PITCH TRANS	2
14	CHORUS	CHORUS	3
15	FLANGE	FLANGE	0
16	PANNER	PANNER	1

DISCRETE LEDS

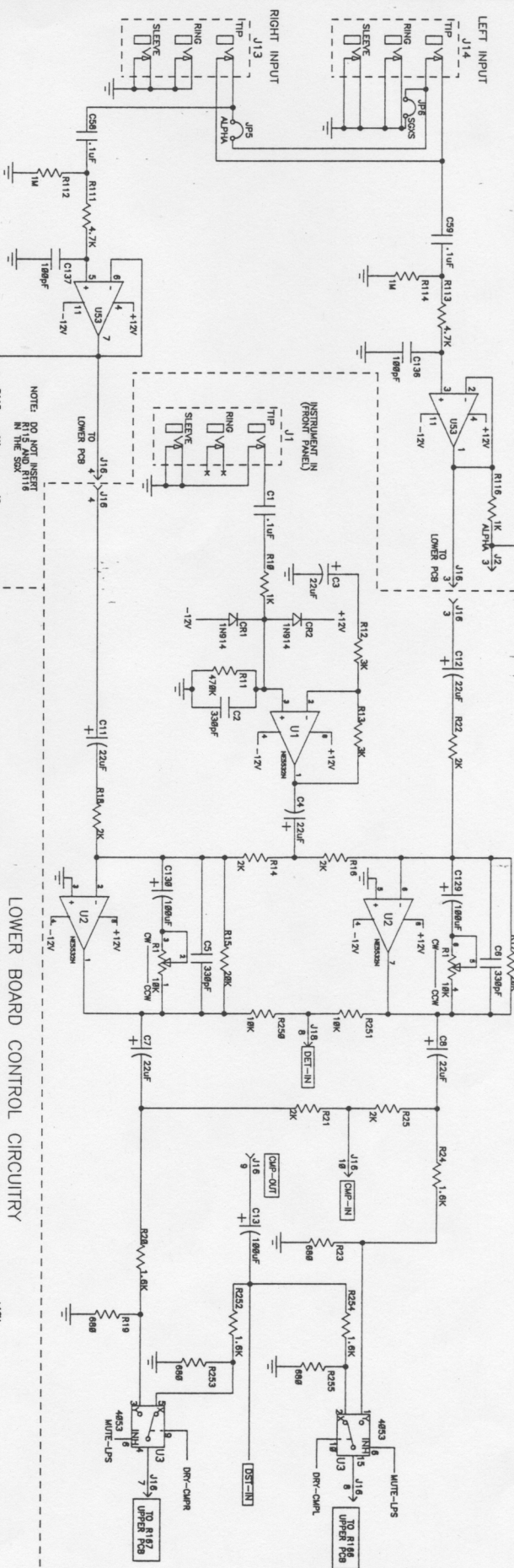


L. SCHINDEL 5/8		APPLIED RESEARCH & TECHNOLOGY	
C. SCHINDEL 8/7		215 TREMONT STREET	
		ROCHESTER, NY 14608	
SGX FRONT LED PCB		500-4004-???	
8-14-91		C	
		4	

UPPER BOARD AUDIO INPUT

LOWER BOARD AUDIO INPUT

NOTE: DO NOT INSERT R13 AND R116 IN THE SOX

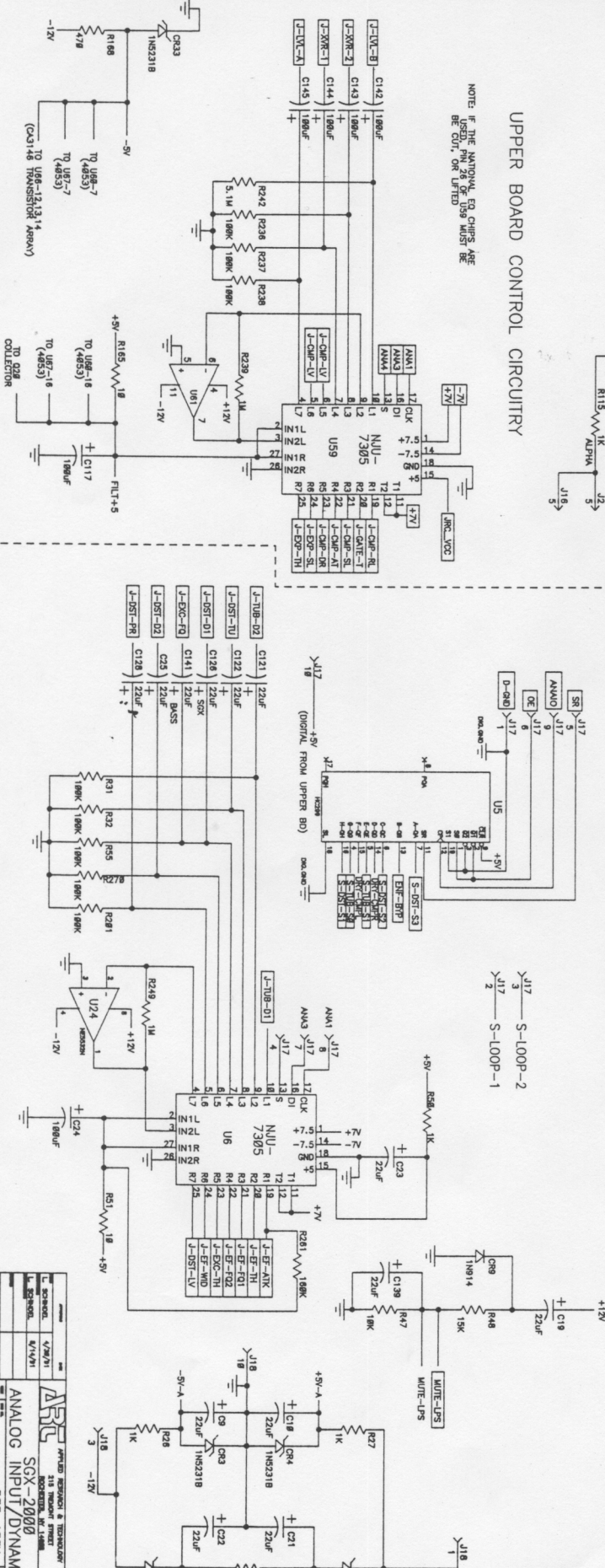


UPPER BOARD CONTROL CIRCUITRY

LOWER BOARD CONTROL CIRCUITRY

NOTE: IF THE NATIONAL EQ CHIPS ARE USED, PIN 28 OF U9 MUST BE BC, COV, OR LEFTED

NOTE: DO NOT INSERT R13 AND R116 IN THE SOX



DATE	8/14/91
DESIGNED BY	SGX-2000
REVIEWED BY	SGX-2000
ANALOG INPUT/DYNAMICS	500-400X-1777
500X SCH	5 OF 7